



NACHI BEARINGS TRAINING INDUSTRY



85 mm x 180 mm x 41 mm SKF 7317 BEGAP
angular contact ball bearings

Bearing No. 7317 BEGAP

7317 BEGAP Bearing 2D drawings and 3D CAD models

Size	180x85x41 mm
Bore Diameter	180 mm
Outer Diameter	85 mm
Width	41 mm
d	85 mm
D	180 mm
B	41 mm
d ₁	122.3 mm
d ₂	103.03 mm
D ₁	144.95 mm
a	76 mm
r _{1,2} - min.	3 mm
r _{3,4} - min.	1.1 mm
d _a - min.	99 mm
D _a - max.	166 mm
D _b - max.	173 mm
r _a - max.	2.5 mm
r _b - max.	1 mm
Basic dynamic load rating - C	156 kN
Basic static load rating - C ₀	132 kN
Fatigue load limit - P _u	4.9 kN
Reference speed	4800 r/min
Limiting speed	4800 r/min
Calculation factor - k _r	0.1



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Calculation factor - k_a	1.6
Calculation factor - e	1.14
Calculation factor - X	0.57
Calculation factor - Y_0	0.52
Calculation factor - Y_1	0.55
Calculation factor - Y_2	0.93
Calculation factor - X	0.35
Calculation factor - Y_0	0.26
Calculation factor - Y_1	
Calculation factor - Y_2	0.57
Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	4.26
Product Group	B00308
Enclosure	Open
Flush Ground	Yes
Rolling Element	Ball Bearing
Number of Rows of Balls	Single Row
Precision Class	ABEC 3 ISO P6
Maximum Capacity / Filling Slot	No
Snap Ring	No
Cage Material	Polymer
Contact Angle	40 Degree
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Preload	Light
Mounting Arrangement	Universal
Inch - Metric	Metric



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Long Description	85MM Bore; 180MM Outside Diameter; 41MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 3 ISO P6; No Filling Slot; No Snap Ring
Category	Angular Contact Ball Bearing
UNSPSC	31171531
Harmonized Tariff Code	8482.10.50.28
Noun	Bearing
Keyword String	Angular Contact
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	7317 BEGAP
Weight / LBS	9.39
Bore	3.346 Inch 85 Millimeter
Width	1.614 Inch 41 Millimeter
Outside Diameter	7.087 Inch 180 Millimeter
d_1	122.3 mm
d_2	103.03 mm
D_1	144.95 mm
$r_{1,2}$ min.	3 mm
$r_{3,4}$ min.	1.1 mm
d_a min.	99 mm
D_a max.	166 mm
D_b max.	173 mm
r_a max.	2.5 mm
r_b max.	1 mm
Basic dynamic load rating C	156 kN
Basic static load rating C_0	132 kN
Fatigue load limit P_u	4.9 kN
Calculation factor A	0.27
Calculation factor k_r	0.1



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Calculation factor e	1.14
Calculation factor X	0.35
Calculation factor Y_0	0.26
Calculation factor Y_2	0.57
Calculation factor X	0.57
Calculation factor Y_0	0.52
Calculation factor Y_1	0.55
Calculation factor Y_2	0.93
Mass bearing	4.45 kg